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Group Art Unit 2856

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Receipt

In re

Patent Application of

Matthias Illing, et al.

Serial No. 10/567,485

Filed: February 7, 2006

Confirmation No. 8675

"METHOD FOR CONTROLLING AN AIR
CIRCULATION PART AND/OR AN AIR SUPPLY
PART IN A PASSENGER CELL"

I, Sharon A. Johnson, hereby certify that this correspondence is being deposited with the US Postal Service as first class mail in an envelope addressed to Attention: Office of the Initial Patent Examination's Filing Receipt Corrections, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date of my signature.

Sharon A. Johnson
Signature

10/25/06

Date of Signature

CORRECTION TO FILING RECEIPT

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Sir:

Attached is a copy of the filing receipt showing the change to be made to the Domestic Priority data as claimed by applicant section:

Under **Domestic Priority data as claimed by applicant**

please change the following:

This application is a 371 of PCT/DE04/01290 09/07/2003
should be

This application is a 371 of PCT/DE04/01290 06/19/2004

Applicant respectfully requests this correction.

Attached is a copy of the first page of International Application WO 2005/014318 and our 371 transmittal letter, which both show the correct priority information.

If any fee is required to effect these corrections, please charge Deposit Account No. 13-3080 in the amount of the required fee.

Respectfully submitted,

David R. Price
David R. Price
Reg. No. 31,557

Docket No. 081276-1071-00

Michael Best & Friedrich LLP
100 East Wisconsin Avenue, Suite 3300
Milwaukee, WI 53202
414.271.6560



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APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/567,485	02/07/2006	2856	900	081276-1071-00	2	20	2

CONFIRMATION NO. 8675

23409
 MICHAEL BEST & FRIEDRICH, LLP
 100 E WISCONSIN AVENUE
 MILWAUKEE, WI 53202

FILING RECEIPT



OC000000019476859

Date Mailed: 07/14/2006

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Matthias Illing, Kusterdingen, GERMANY;
 Michael Arndt, Reutlingen, GERMANY;
 Gerd Lorenz, Reutlingen, GERMANY;
 Daniela Winkler, Munich, GERMANY;

Power of Attorney: The patent practitioners associated with Customer Number 23409.

Domestic Priority data as claimed by applicant

This application is a 371 of PCT/DE04/01290 09/07/2003

06/19/2004

Foreign Applications

GERMANY 103 37 750.6 08/07/2003

If Required, Foreign Filing License Granted: 07/03/2006

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/567,485**

Projected Publication Date: 10/12/2006

Non-Publication Request: No

Early Publication Request: No

CSL

Title

Method for controlling an air circulation part and/or an air supply part in a passenger cell

Preliminary Class

073

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Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

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(12) NACH DEM VERTRAG ÜBER DIE INTERNATIONALE ZUSAMMENARBEIT AUF DEM GEBIET DES
PATENTWESENS (PCT) VERÖFFENTLICHTE INTERNATIONALE ANMELDUNG

(19) Weltorganisation für geistiges Eigentum
Internationales Büro



(43) Internationales Veröffentlichungsdatum
17. Februar 2005 (17.02.2005)

PCT

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WO 2005/014318 A1

(51) Internationale Patentklassifikation⁷: **B60H 3/00**,
1/00, G01N 21/35

(21) Internationales Aktenzeichen: PCT/DE2004/001290

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19. Juni 2004 (19.06.2004)

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(26) Veröffentlichungssprache: Deutsch

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103 37 750.6 7. August 2003 (07.08.2003) DE

(71) Anmelder (für alle Bestimmungsstaaten mit Ausnahme von
US): **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02
20, 70442 Stuttgart (DE).

(72) Erfinder; und

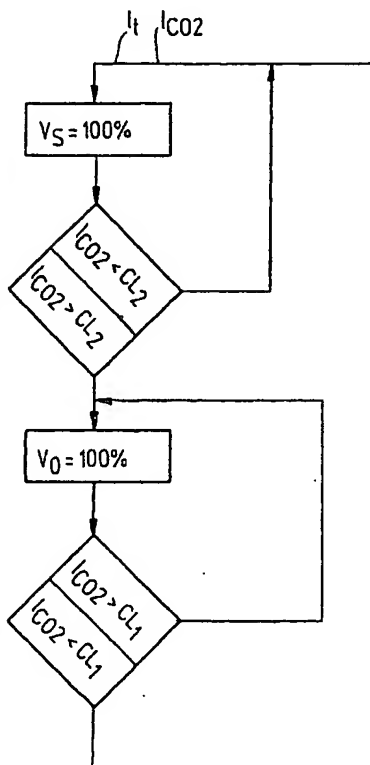
(75) Erfinder/Anmelder (nur für US): **ARNDT, Michael**
[DE/DE]; Memminger Strasse 53, 72762 Reutlingen
(DE). **LORENZ, Gerd** [DE/DE]; Eichendorffstrasse 11,
72762 Reutlingen (DE). **WINKLER, Daniela** [DE/DE];
Karl-Rehm-Strasse 5, 72805 lichtenstein-Unterhausen
(DE).

(81) Bestimmungsstaaten (soweit nicht anders angegeben, für
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[Fortsetzung auf der nächsten Seite]

(54) Title: METHOD FOR CONTROLLING AN AIR CIRCULATION PART AND/OR AN AIR SUPPLY PART IN A PASSENGER CELL

(54) Bezeichnung: VERFAHREN ZUR REGELUNG EINES UMLUFT- UND/ODER ZULUFTANTEILS IN EINER FAHRGASTZELLE



(57) Abstract: The invention relates to a method for controlling an air circulation part and/or an air supply part ($V_{SB} > S < /SB >, V_0$) in a passenger cell of a vehicle, especially a motor vehicle. Said parts comprise a sensor which is used to detect a concentration of pollutant gas in a passenger cell and to supply a control signal (l_{co2}) to a control device for the air circulation part and/or air supply part ($V_{SB} > S < /SB >, V_0$) in the passenger cell. A temperature compensated sensor is provided in order to detect the concentration of pollutant gas such that a passenger cell which meets people's needs and which has a supply of air optimised in relation to energy consumption can be obtained. The sensor which is used to detect ambient temperature and the sensor which is used to detect the pollutant gas concentration signal (l_t, l_{co2}) are provided in order to control a control device for the air circulation part and/or air supply part ($V_{SB} > S < /SB >, V_0$). The control device controls either the variables of the circulation air part ($V_{SB} > S < /SB >$) in the passenger cell or switches from complete air circulation to complete air supply and vice-versa.

(57) Zusammenfassung: Die Erfindung betrifft ein Verfahren zur Regelung eines Umluft- und/oder Zuluftanteils (V_S, V_0) in einer Fahrgastzelle eines Fahrzeugs, insbesondere eines Kraftfahrzeugs, mit einem Sensor zur Erfassung von Schadgaskonzentrationen in der Fahrgastzelle und zur Bereitstellung eines Ansteuersignals (l_{co2}) einer Steuereinrichtung für den Umluft- und/oder Zuluftanteil (V_S, V_0) in der Fahrgastzelle. Um eine bedarfsgerechte und eine in Bezug auf den Energieverbrauch optimierte Luftversorgung einer Fahrgastzelle zu erzielen ist der Sensor zur Erfassung der Schadgaskonzentration ein temperaturkompensierter Sensor, wobei der Sensor zur Erfassung der Umgebungstemperatur zusammen mit dem Sensor zur Erfassung der Schadgaskonzentration Signale (l_t, l_{co2}) zur Ansteuerung einer Steuereinrichtung für den Umluft- und/oder Zuluftanteil (V_S, V_0) bereitstellen. Die Steuereinrichtung steuert entweder die Größe des Umluftanteils (V_S) in der Fahrgastzelle oder schaltet von vollständigem Umluftbetrieb auf vollständigen Zuluftbetrieb um, und umgekehrt.

WO 2005/014318 A1



TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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Veröffentlicht:

— mit internationalem Recherchenbericht

Zur Erklärung der Zweibuchstaben-Codes und der anderen Abkürzungen wird auf die Erklärungen ("Guidance Notes on Codes and Abbreviations") am Anfang jeder regulären Ausgabe der PCT-Gazette verwiesen.

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 081276-1071-00 U.S. APPLICATION NO. (If known, see 37 CFR 1.5)
INTERNATIONAL APPLICATION NO. PCT/DE2004/001290	INTERNATIONAL FILING DATE 19 June 2004	PRIORITY DATE CLAIMED 07 August 2003
TITLE OF INVENTION METHOD FOR CONTROLLING AN AIR CIRCULATION PART AND/OR AN AIR SUPPLY PART IN A PASSENGER CELL		
APPLICANT(S) FOR DO/EO/US Matthias Illing, Michael Arndt, Gerd Lorenz and Daniela Winkler		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. (refs. communicated by IB) Courtesy copy of refs. attached. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).		

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U.S. APPLICATION NO. (if known, see 37 CFR 1.5)		INTERNATIONAL APPLICATION NO. PCT/DE2004/001290		ATTORNEY'S DOCKET NUMBER 081276-1071-00	
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<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
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CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
Total claims	20 - 20 =	0	x \$ 50	\$	
Independent claims	2 - 3 =	0	x \$200	\$	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360	\$	
TOTAL OF ABOVE CALCULATIONS =				\$ 900.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.					
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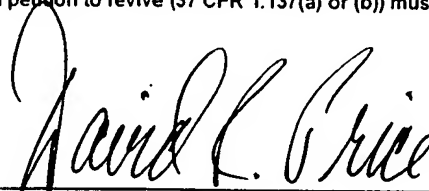
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CUSTOMER NO. 23409

SEND ALL CORRESPONDENCE TO:

David R. Price
Michael Best & Friedrich LLP
100 East Wisconsin Avenue, Suite 3300
Milwaukee, WI 53202



SIGNATURE

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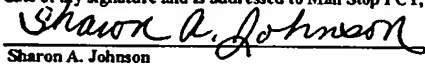
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Sharon A. Johnson

07 February 2006
Date